

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099125.D
 Acq On : 6 Oct 2017 1:26
 Operator : SJ/JU
 Sample : I5585-13 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G70-0-2.5

Quant Time: Oct 06 04:00:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106026	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	429113	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	171738	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	243844	20.00	ng	0.00
75) Chrysene-d12	14.02	240	195489	20.00	ng	-0.01
86) Perylene-d12	15.50	264	215820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	20581	3.09	ng	0.00
7) Phenol-d6	6.48	99	29550	3.60	ng	-0.02
23) Nitrobenzene-d5	7.42	82	16352	2.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	575	0.41	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	34204	3.32	ng	-0.01
78) Terphenyl-d14	12.96	244	18750	2.18	ng	-0.01

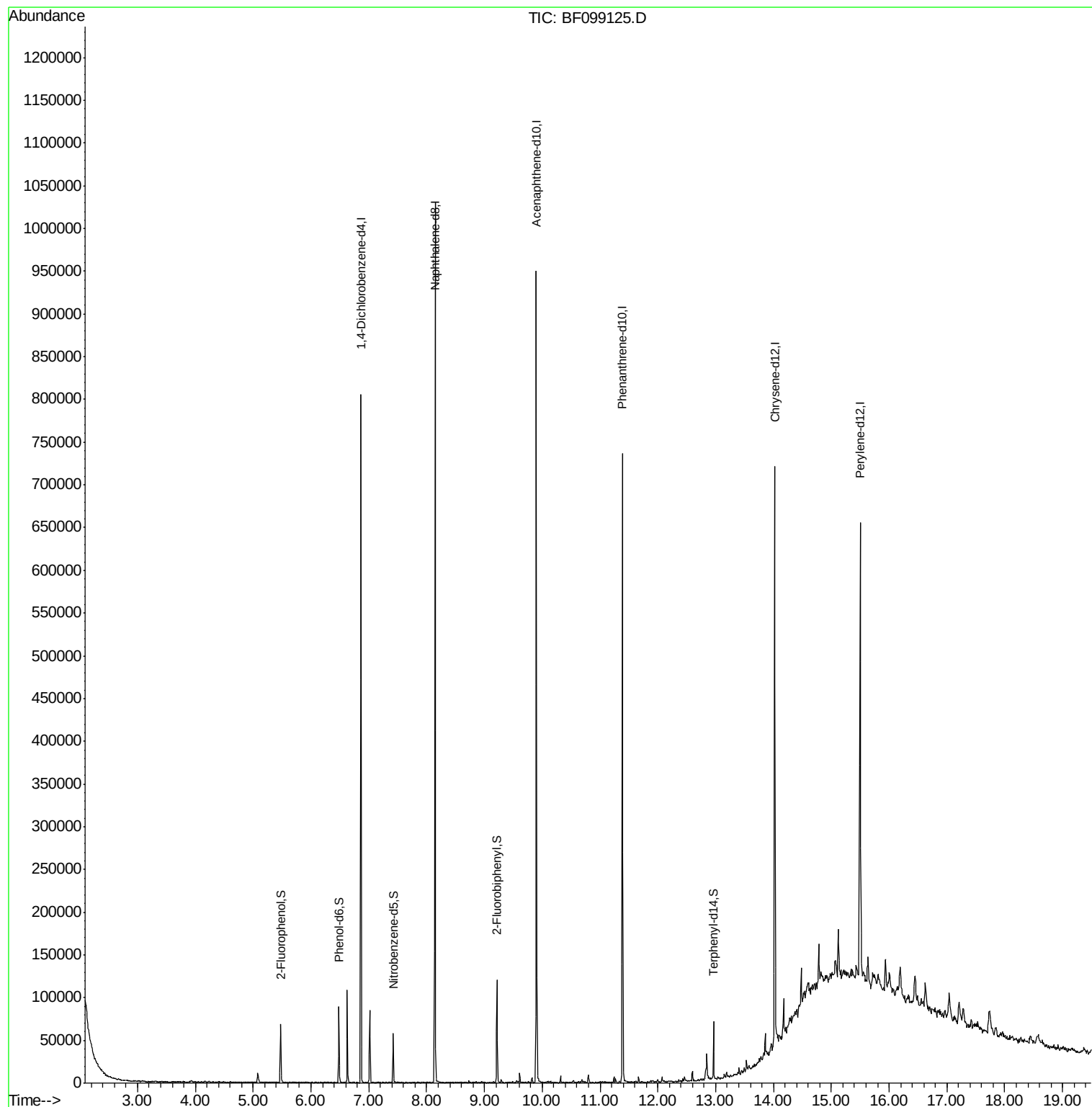
Target Compounds Qvalue

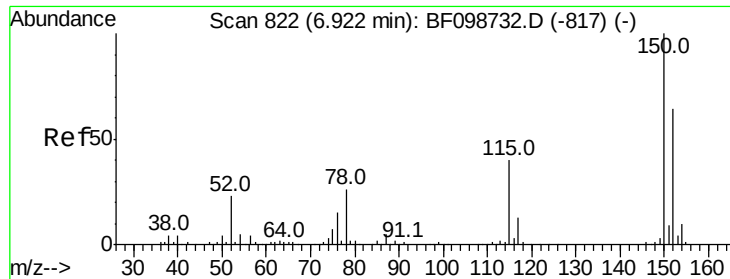
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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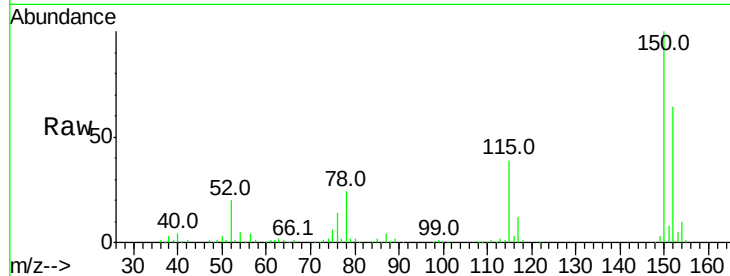


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 G70-0-2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	61.3	50.1	75.1

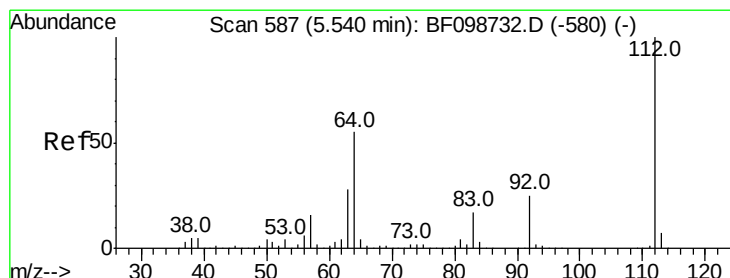
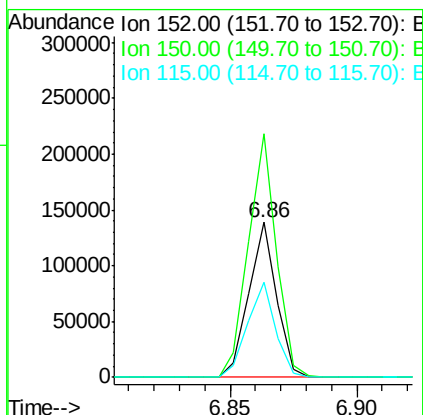
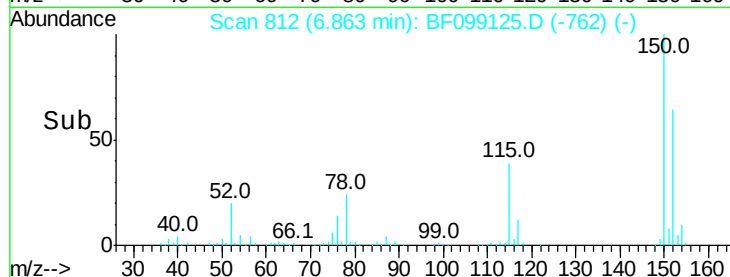


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

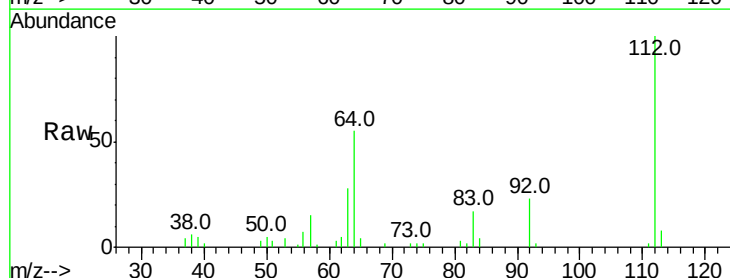
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 3.090 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.1	23.7	35.5

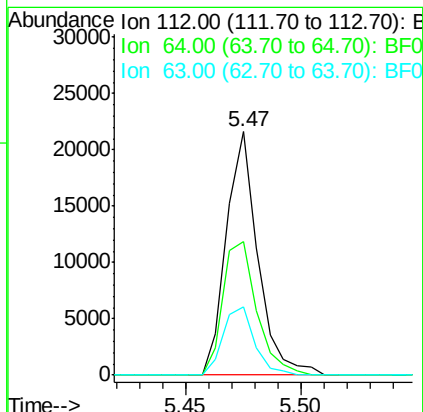
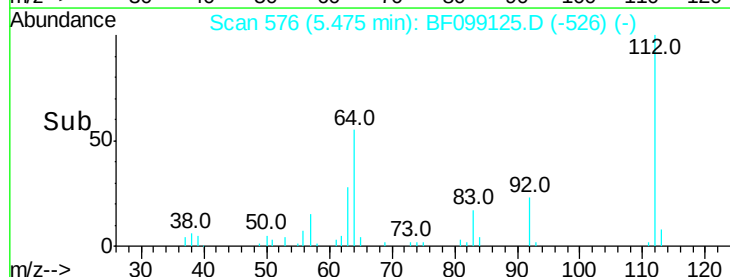


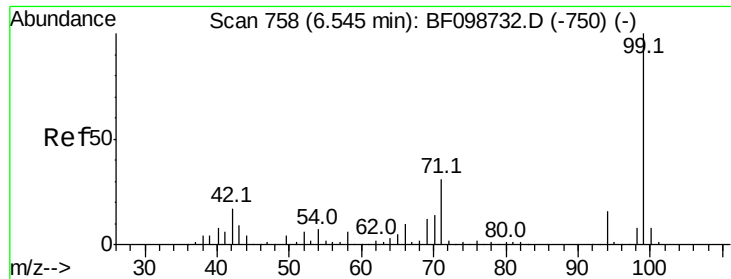
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.597 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampleId :

G70-0-2.5

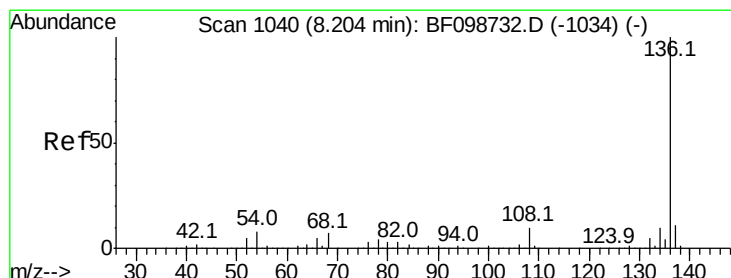
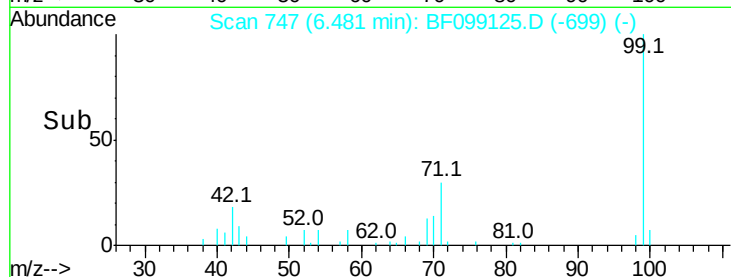
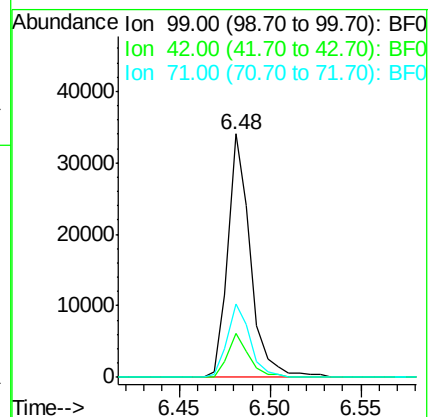
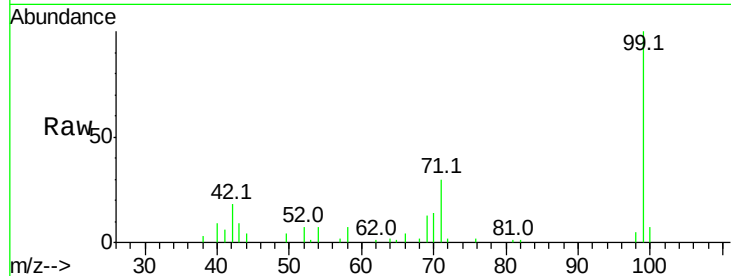
Tot Ion: 99 Resp: 29550

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 30.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Tgt Ion: 136 Resp: 429113

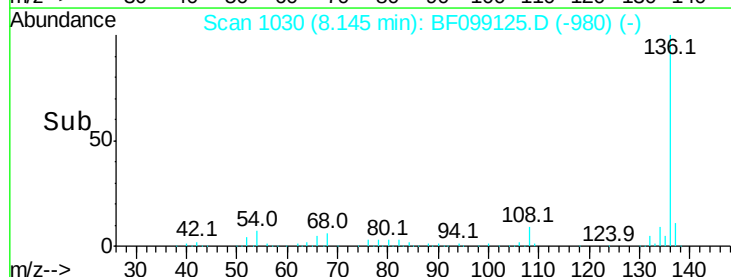
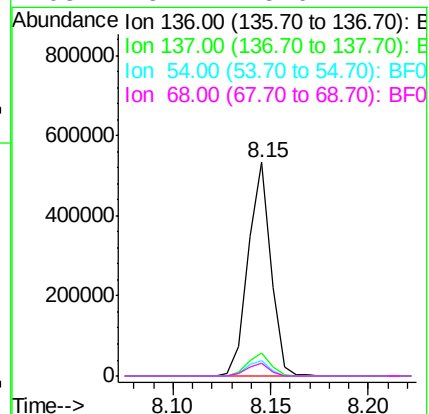
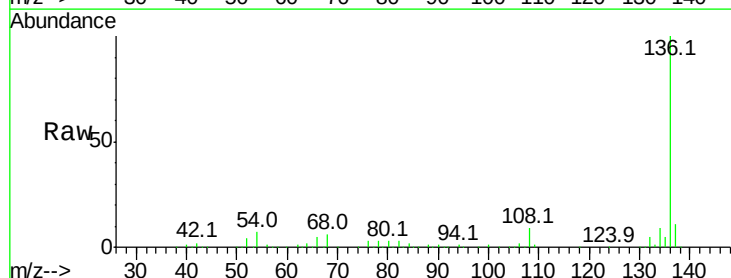
Ion Ratio Lower Upper

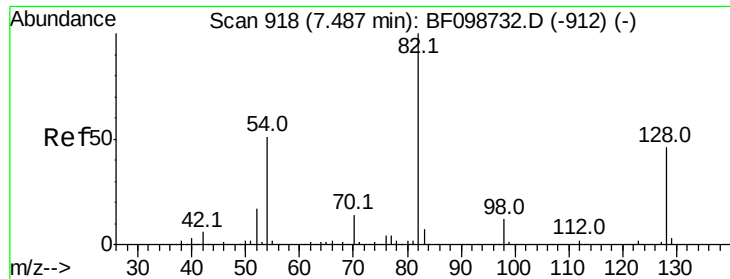
136 100

137 10.8 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

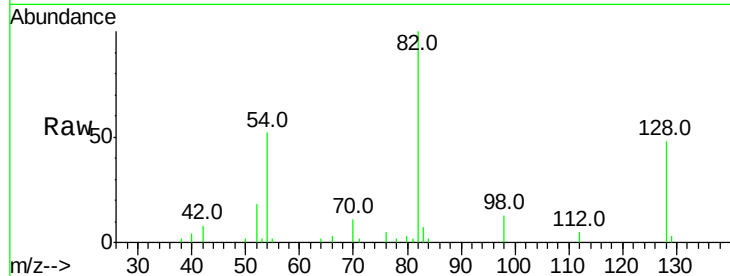




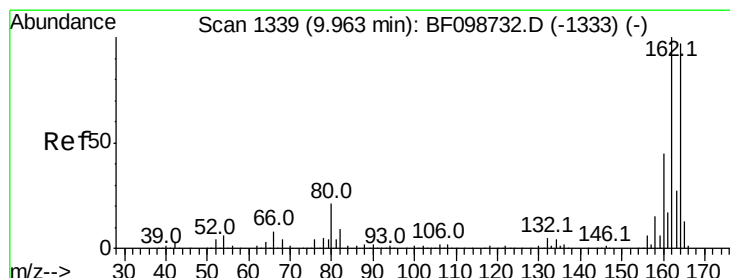
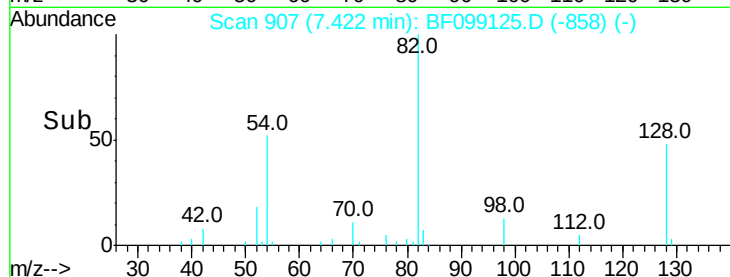
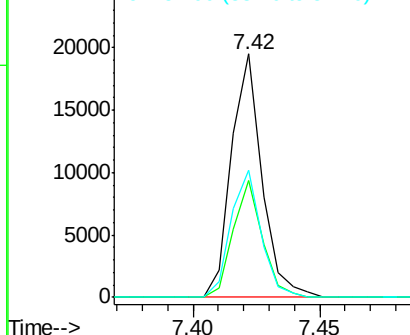
#23
 Nitrobenzene-d5
 Concen: 2.444 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Instrument :
 BNA_F
 ClientSampled :
 G70-0-2.5

Tot Ion: 82 Resp: 16352
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 52.2 41.4 62.2

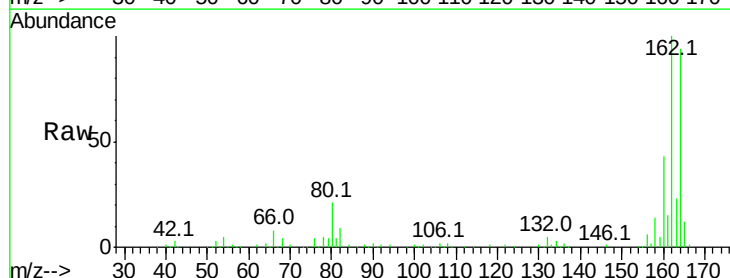


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

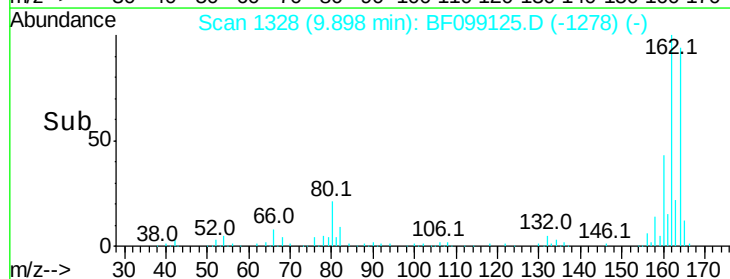
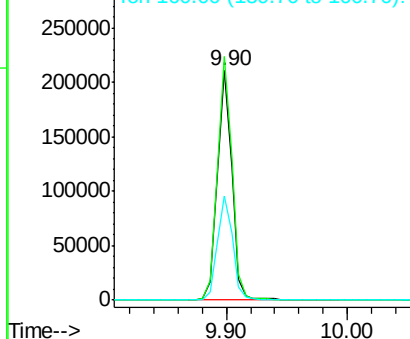


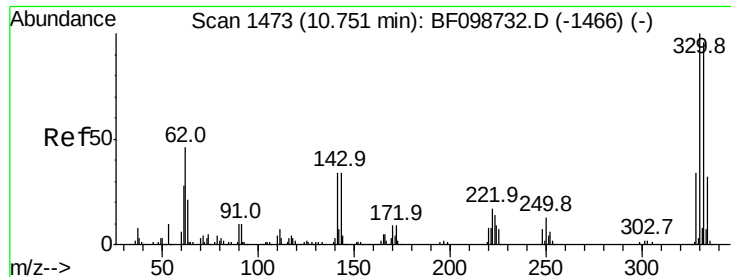
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Tgt Ion:164 Resp: 171738
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 0.409 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampled :

G70-0-2.5

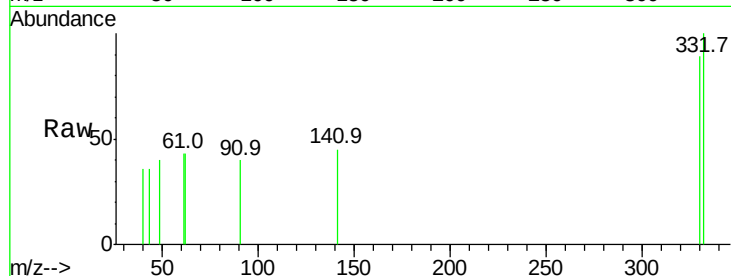
Tot Ion:330 Resp: 575

Ion Ratio Lower Upper

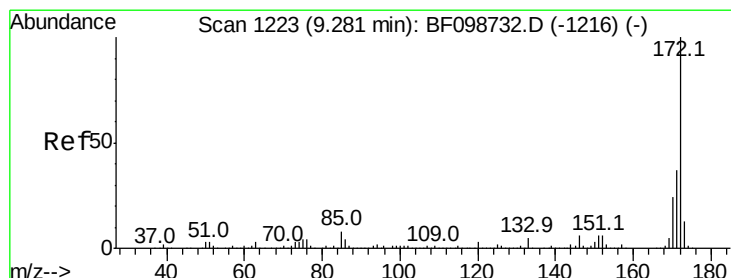
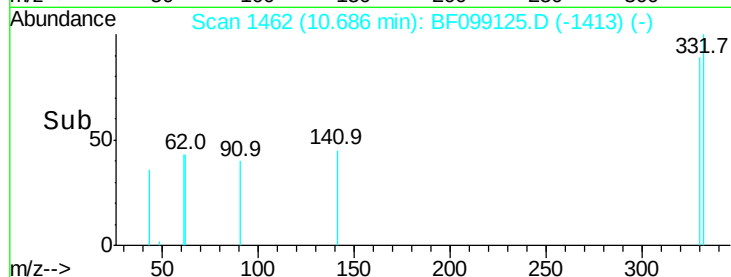
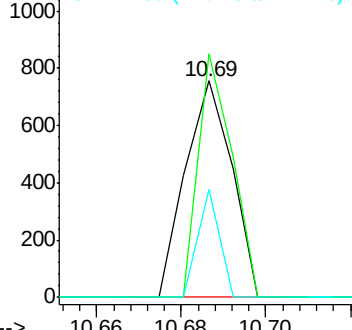
330 100

332 82.1 77.0 115.6

141 23.3 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 3.325 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

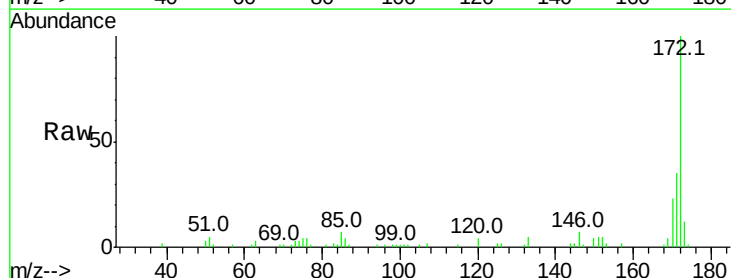
Tgt Ion:172 Resp: 34204

Ion Ratio Lower Upper

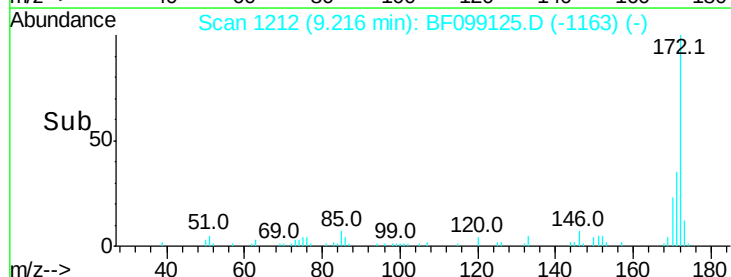
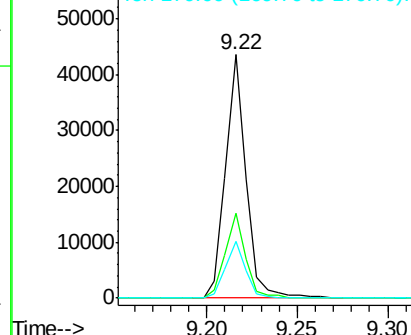
172 100

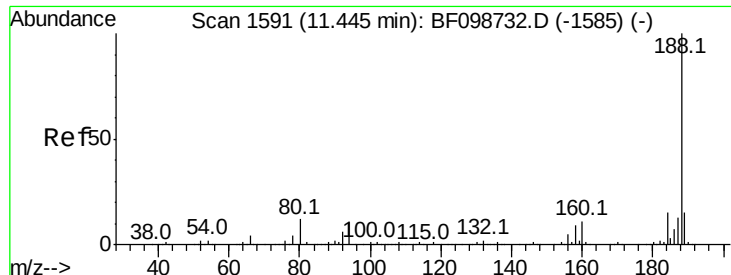
171 34.9 29.7 44.5

170 23.3 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

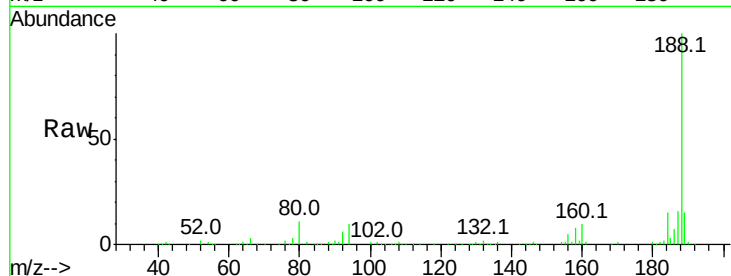




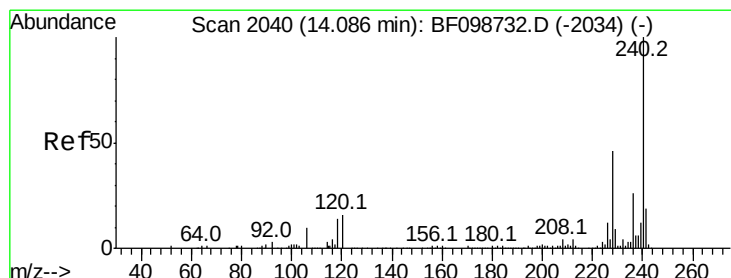
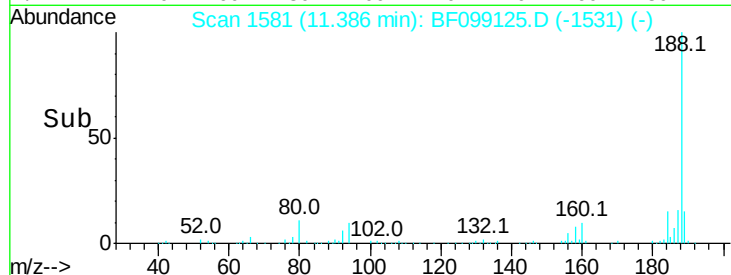
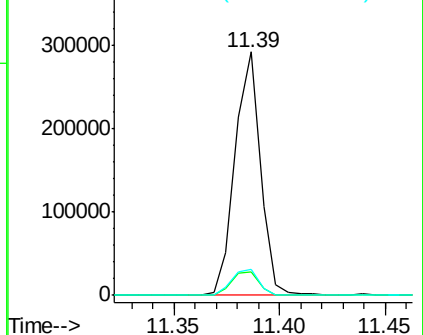
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :
G70-0-2.5

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.9	9.2	13.8

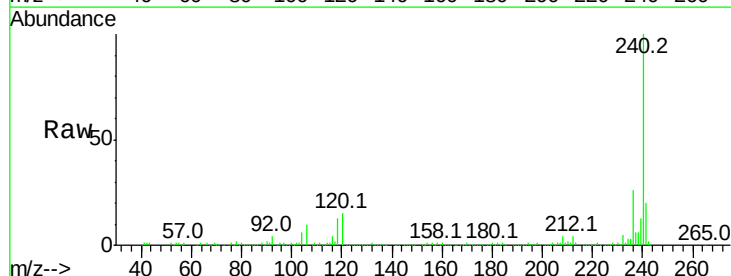


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

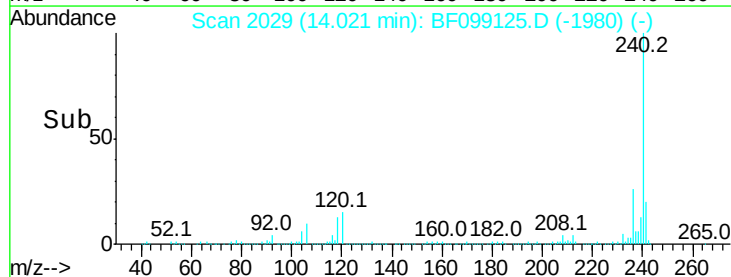
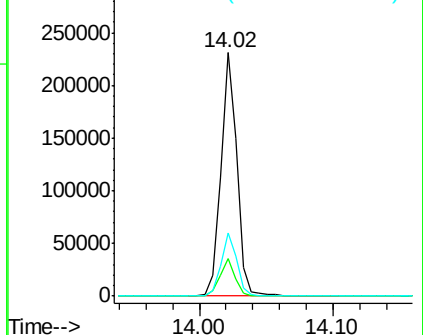


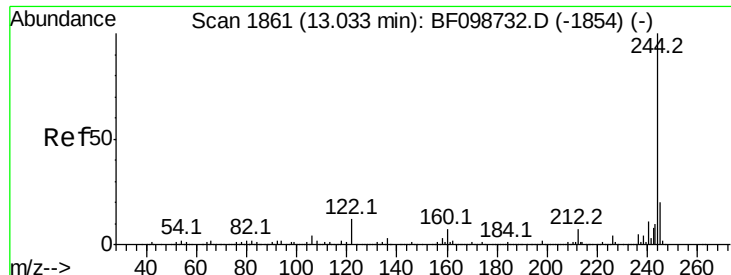
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	26.0	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

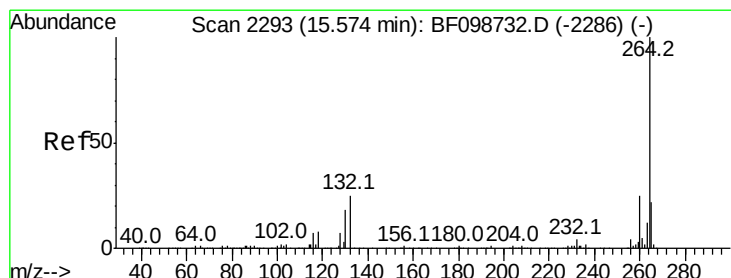
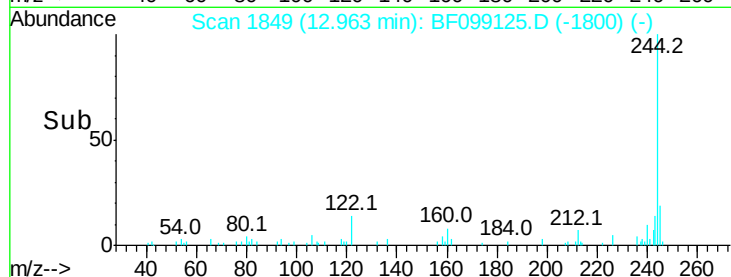
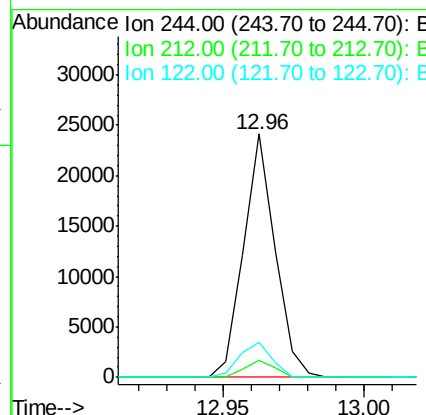
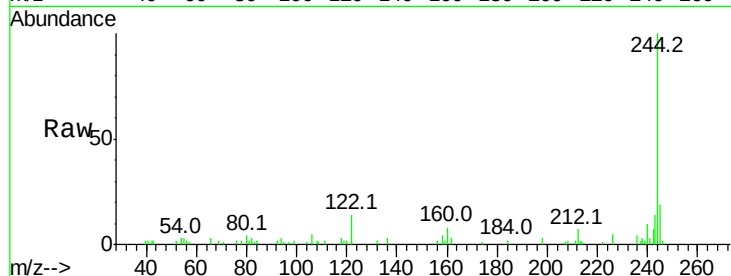




#78
 Terphenyl-d14
 Concen: 2.181 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 G70-0-2.5

Tot Ion:244 Resp: 18750
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Tgt Ion:264 Resp: 215820
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 20.6 17.5 26.3

